



**Best Available Copy**



PATENT  
Customer No. 22,852  
Attorney Docket No. 09812.0739-00000 (Formerly 450100-02869)

If there is any other fees due in connection with the filing of this paper, please charge  
the fees to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

By: David W. Hill  
David W. Hill  
Reg. No. 28,220

DATED: MAR 07 2006

DWH/FPD/rac  
Enclosures

**Best Available Copy**



PATENT

**POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO**

I hereby revoke all previous powers of attorney given in the application in the attached statement under 37 C.F.R. § 3.73(b).

I hereby grant power of attorney to FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. Customer Number 22,852, as attorneys or agents to represent the undersigned before the United States Patent and Trademark Office in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 C.F.R. § 3.73(b).

Please also send all future correspondence concerning the application identified in the attached statement under 37 C.F.R. § 3.73(b) to Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., Customer Number 22,852.

The undersigned understands that a copy of this form, together with a statement under 37 C.F.R. § 3.73(b) is required to be filed in each application in which this form is used. The statement under 37 C.F.R. § 3.73(b) may be completed by one of the practitioners appointed in this form, if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which the Power of Attorney is to be filed.

Best Available Copy

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee.

Date: July 27, 2005

Name: Koichi Wada

Title: Manager, Intellectual Property Division

Signature: Koichi Wada

Best Available Copy



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

MARCH 22, 2001

PTAS

FROMMER, LAWRENCE & HAUG, LLP  
WILLIAM S. FROMMER  
745 FIFTH AVENUE  
NEW YORK, NY 10151



\*101579377A\*

**DOCKETED**

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/27/2000

REEL/FRAME: 011413/0669  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
SUGAYA, SHIGERU

DOC DATE: 12/07/2000

ASSIGNOR:  
SUGITA, TAKEHIRO

DOC DATE: 12/11/2000

ASSIGNEE:  
SONY CORPORATION  
7-35 KITASHINAGAWA 6-CHOME  
SHINAGAWA-KU, TOYKO 141-0001, JAPAN

SERIAL NUMBER: 09749324  
PATENT NUMBER:

FILING DATE: 12/27/2000  
ISSUE DATE:

SAUNDRA BALLENGER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

**Best Available Copy**

2001 MAR 28 A 9:58  
FROMMER, LAWRENCE  
& HAUG, LLP

01-16-2001

FLH Ref. No.: 450100-02869


 COVER SHEET  
 YES

 U.S. DEPARTMENT OF COMMERCE  
 Patent and Trademark Office

To the Honorable Commission

101599377

and the attached original documents or copy thereof.

## 1. Name of conveying party(ies)

Shigeru SUGAYA, Takehiro SUGITA

 Additional name(s) of conveying party(ies) attached?  
 Yes ☐ No ☒

## 2. Name and address of receiving party(ies)

Name:

 SONY CORPORATION  
 7-35 Kitashinagawa 6-chome  
 Shinagawa-Ku, Tokyo 141-0001, Japan

 Additional name(s) & address(es) attached? Yes ☐ No ☒

## 3. Nature of conveyance:

- ☒ Assignment  
☐ Security Agreement  
☐ Merger  
☐ Change of Name  
☐ Other

Execution Date: December 7 and December 11, 2000

## 4. Application number(s) or patent number(s):

 If this document is being filed together with a new application, the execution date of  
 the application is: December 7 and December 11, 2000

A. Patent Application No.(s) filed

Additional numbers attached? Yes ☐ No ☒

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: WILLIAM S. FROMMER

Internal Address: FROMMER LAWRENCE &amp; HAUG LLP

Street Address: 745 FIFTH AVENUE

City: NEW YORK State: N.Y. Zip: 10151

## 6. Total number of applications and patents involved

1

## 7. Total fee (37 CFR 3.41)

\$ 40.00

☒ Enclosed  
☐ Authorized to be charged to  
 deposit account 50-0320

## 8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

Do not use this space

## 9. Statement and signature:

 To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy  
 of the original document.

William S. Frommer

Name of Person Signing

Signature

December 27, 2000

Date

 Total number of pages including cover  
 sheet, attachments, and document: 2

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

01/16/2001 DNGUYEN 00000119 09749324

01 FC:581

40.00 OP

 Commissioner of Patents and Trademarks  
 Box Assignments  
 Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded,  
 including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet.  
 Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems,  
 PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011),  
 Washington, D.C. 20503.

Best Available Copy

## ASSIGNMENT

WHEREAS, I, as below named inventors, residing at the addresses stated next to our names, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in  
**RADIO TRANSMISSION METHOD AND APPARATUS**

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 7-35 Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo, Japan (hereinafter referred to as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: \_\_\_\_\_, Filing Date: \_\_\_\_\_.

This assignment executed on the dates indicated below.

SHIGERU SUGAYA

Name of first or sole inventor  
KANAGAWA, JAPAN

Execution date of U.S. Patent Application

Residence of first or sole inventor

*Shigeru Sugaya*

*December 7, 2000*

Signature of first or sole inventor

Date of this assignment

TAKEHIRO SUGITA

Name of second inventor  
KANAGAWA, JAPAN

Execution date of U.S. Patent Application

Residence of second inventor

*Takehiro Sugita*

*December 11, 2000*

Signature of second inventor

Date of this assignment

Name of third inventor

Execution date of U.S. Patent Application

Residence of third inventor

Signature of third inventor

Date of this assignment

Best Available Copy